



SEQUENCE LISTING

<110> JAEGER, STEPHAN

<120> A METHOD FOR THE DETERMINATION OF A NUCLEIC ACID USING A CONTROL

<130> 1803-335-999

<140> 10/087,631

<141> 2002-03-01

<160> 17

<170> PatentIn version 3.1

<210> 1

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Artificial sequence to exemplify principle

<400> 1  
agcgcatgcc agattactgg c

21

<210> 2

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Artificial sequence to exemplify principle

<400> 2

tcgcgtacgg tctaatagacc g

21

<210> 3

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST650 HCV specific probe sequence

<400> 3

cgggtgtactc accgttccg cagaccacta tggc

33

<210> 4

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Sequence ST2535 probe sequence

<400> 4

tggactcagt ccttggtca tctcaccttc t

30

<210> 5

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST650pc probe sequence (parallel-complementary to ST650)

<400> 5

gccacatgag tggcaaggc gtctggtgat accg

33

<210> 6

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: sequence ST280 HCV-specific primer sequence

<400> 6  
gcagaaagcg tctagccatg gcgtta

26

<210> 7

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST778 HCV-specific primer sequence

<400> 7  
gcaagcaccc tatcaggcag taccacaa

28

<210> 8

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST280pc primer parallel complement to ST280

<400> 8  
cgtctttcgc agatcggtag ctcaat

26

<210> 9

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST778pc primer parallel-complement to ST778

<400> 9  
cgttcgtggg atagtccgta atggtgtt

28

<210> 10

<211> 241

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA sequence derived by amplification of HCV type 1 using primers ST280 and ST778

<400> 10

```
gcagaaagcg tctagccatg gcgttagtat gagtgtcgtg cagcctccag gacccccct      60
ccccgggagag ccatagtggc ctgcggaacc ggtgagtaca ccggaattgc caggacgacc    120
gggtcctttc ttggatcaac ccgctcaatg cctggagatt tgggcgtgcc cccgcgagac    180
tgctagccga gtagtggtgg gtcgcgaaag gccttggtgg actgcctgat aggggtgcttg    240
c                                                                           241
```

<210> 11

<211> 943

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: QS (pc) HCV being parallel-complement to according region of HCV type 1 genome

<400> 11

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agatctccgc tgtgaggtgg tatctagtga ggggacactc cttgatgaca gaagtgcgtc      60
tttcgcagat cggtagcgca atcatactca cagcacgtcg gaggtcctgg gggggagggc    120
cctctcggtg taaccagacg ccttgccacg tcatgtggcc ttaacggtcc tgctggccca    180
ggaaagaacc tagttgggag agttacggac ctctaaaccc gcacgggggc gctctgacga    240
tcggctcacc acaaccagc gctttccgga acaccatgac ggactatccc acgaacgctc    300
acggggccct ccagagcacc tggcacgtgg tactcgtgct taggatttgg agtttctttt    360
tggtttgcat tgtggttggc ggcaggtgtc ctgcagttca agggcccgc accagtctag    420
caaccacctc aaatggacaa cggcgcgtcc cgggggtcca acccacacgc gcgcgagtcc    480
ttctgaaggc tcgccagcgt tggagcacct tccgctgttg gataggggtt ccgagcggct    540
gggtccccgt cccggacccg agtcggggcc atgggaaccg gggagatacc gttactcccc    600
taccacaccc gtcctaccga ggacagtggg gcaccaagag ccggatcaac cccggggagt    660
```

ctggggggccg catccagcgc attaaaccca ttccagtagc tatgggaatg tacgccgaag 720  
 cggctggagt accccatgta aggcgagcag ccgcggggag atcccccgcg gcgggtcccgg 780  
 gaccgcgtac cgcaggccca agacctcctg ccgcacttga tacgttgtcc cttaaaccggg 840  
 ccaacgagaa agagatagaa ggagaaccca aacgacagaa caaactggta gggtcgaagg 900  
 cgaatacttc acgcgtaaac atgaggatta cccatgtaag ctt 943

<210> 12

<211> 241

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Amplicon derived from QS (pc)HCV using the primers ST280pc and ST778pc

<400> 12  
 cgtcttttcgc agatcggtagc cgcaatcata ctcacagcac gtcggagggtc ctgggggggga 60  
 gggccctctc ggtatcacca gacgccttgg ccactcatgt ggccttaacg gtccgtgctgg 120  
 cccaggaaaag aacctagttg ggcgagttac ggacctctaa acccgcacgg gggcgctctg 180  
 acgatcgggt catcacaacc cagcgctttc cggaacacca tgacggacta tcccacgaac 240  
 g 241

<210> 13

<211> 241

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of artificial sequence: Amplicon sequence derived from QS HCV (HCV amplification control having binding sites for ST280, ST778, and ST2535) using primers ST280 and ST778

<400> 13  
 gcagaaaagcg tctagccatg gcgttagtat agtggcgtga gagcagccct tgccctgccc 60  
 accgcgcgtc tagaaggtag gatgaccaga ggactgagtc caatgcatgc tggctccgag 120  
 atgctccgca aacttgccgt caacgtgact gcgtacggcg ggcgtgcccg cctggctgtg 180  
 tatgagctgg tgaccgtgat ctggctggag gccttggtgt actgcctgat aggggtgcttg 240  
 c 241

<210> 14

<211> 375

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ICSJ620 HCV (HCV specific amplification control having a binding site for ST280 and ST778 and an internal region being parallel-complement to HCV)

<400> 14

```
agatctcggg cgggggacta cccccgctgt gaggtggtac ttagtgaggg gacactcctt      60
gatgacagaa gtggcagaaa gcgtctagcc atggcgttac atactcacag cacgtcggag      120
gtcctggggg ggagggccct ctcggtatca ccagacgcct tggccactca tgtggcctta      180
acggtcctgc tggcccagga aagaacctag tttgggagag ttacggacct ctaaaccgcg      240
acggggggcg tctgacgac ggctcatcac aaccagcgcg tttccggttg tggactgcc      300
tgataggggtg cttgcctcga ggggcctcc agagcatctg gcacgtggaa acatgaggat      360
taccatgta agctt                                     375
```

<210> 15

<211> 242

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of artificial sequence: Amplicon derived from ICSJ620 HCV (HCV-specific amplification control) using ST280 and ST778 as primers

<400> 15

```
gcagaaagcg tctagccatg gcgttacata ctcacagcac gtcggaggtc ctggggggga      60
gggcctctc ggtatcacca gacgccttgg cactcatgt ggccttaacg gtcctgctgg      120
cccaggaaag aacctagttt gggcgagtta cggacctcta aaccgcacg ggggcgctct      180
gacgatcggc tcatcacaac ccagcgcttt ccggttgttg tactgcctga tagggtgctt      240
gc                                     242
```

<210> 16

<211> 46

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: NTQ21-46-A aptamer sequence

<400> 16

cgatcatctc agaacattct tagcgttttg ttcttgtgta tgatcg

46

<210> 17

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Sequence to exemplify principle

<400> 17

cggtcattag accgtacgcg a

21